

Figure 1 is a block diagram of a network interface system 100. The system 100 includes a Host Processor 190, a DSP(s) 160, a LAN I/F 182, and an ATM Module. The Host Processor 190 is connected to the DSP(s) 160. The DSP(s) 160 is connected to the LAN I/F 182 and the ATM Module. The LAN I/F 182 is connected to a LAN 165, which includes Ethernet, FDDI, Wireless Ethernet, etc. The ATM Module is connected to an ATM25 LAN 180 via a Utopia interface. The system 100 also includes a WAN PORT, which is connected to the DSP(s) 160 and the ATM Module. The DSP(s) 160 is also connected to a Codec 175 and a DSP 170, which are part of an xDSL modem. The DSP(s) 160 is also connected to a Codec 175 and a DSP 170, which are part of an xDSL modem. The DSP(s) 160 is also connected to a Codec 175 and a DSP 170, which are part of an xDSL modem.

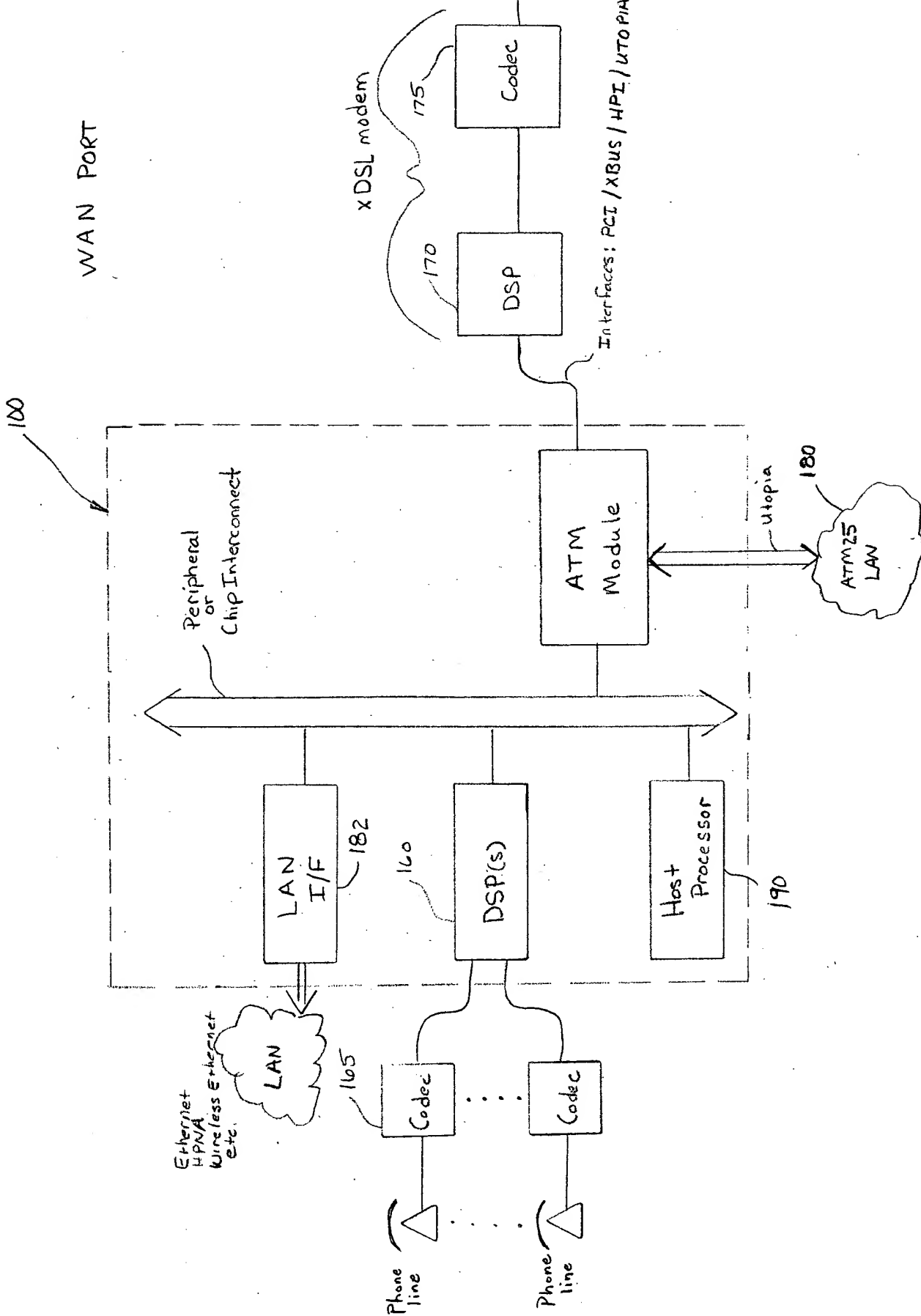


Figure 1

1000 9000 8000 7000 6000 5000 4000 3000 2000 1000 0
 1000 9000 8000 7000 6000 5000 4000 3000 2000 1000 0
 1000 9000 8000 7000 6000 5000 4000 3000 2000 1000 0

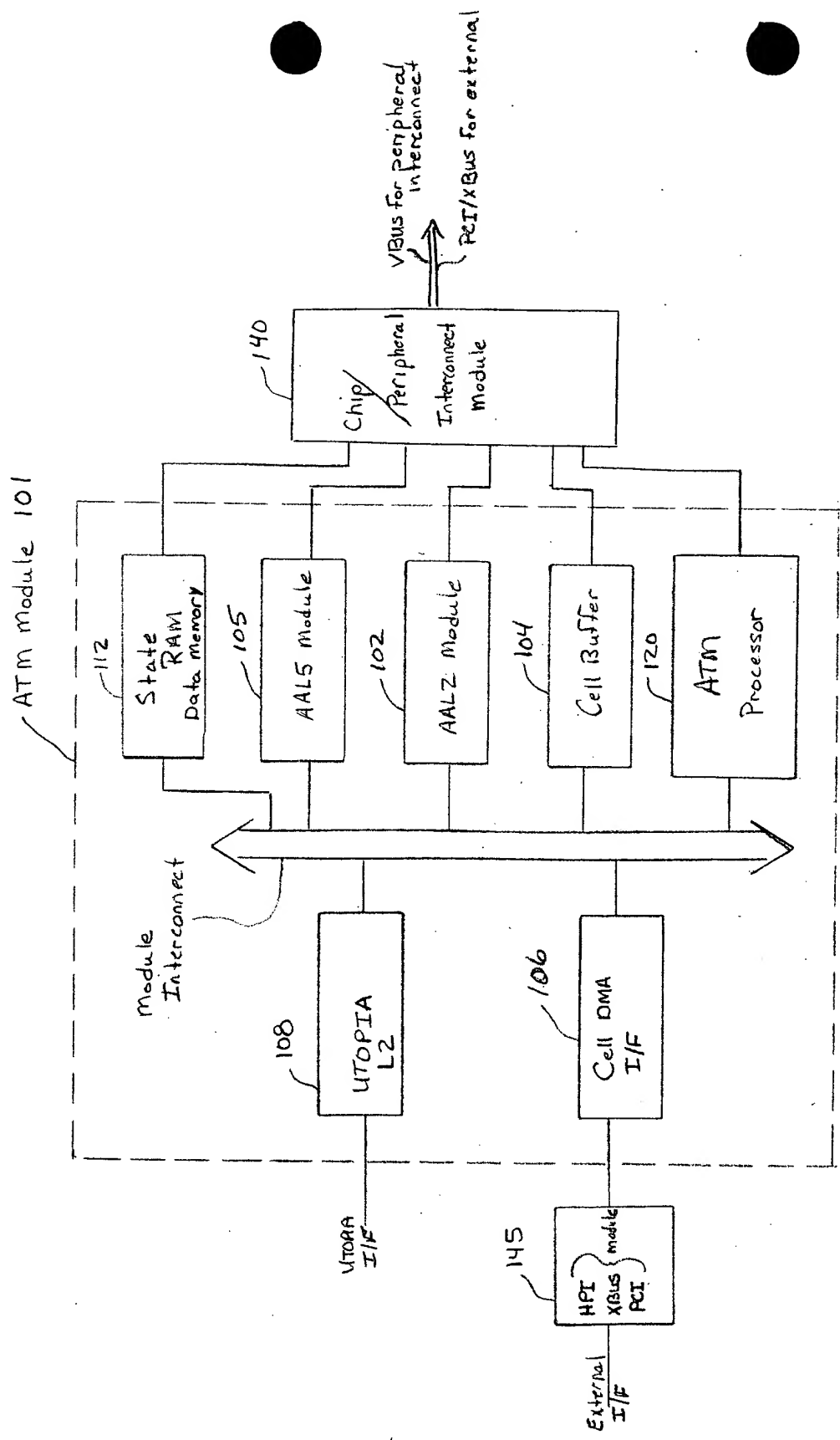


Figure 2

ATM Processor 120

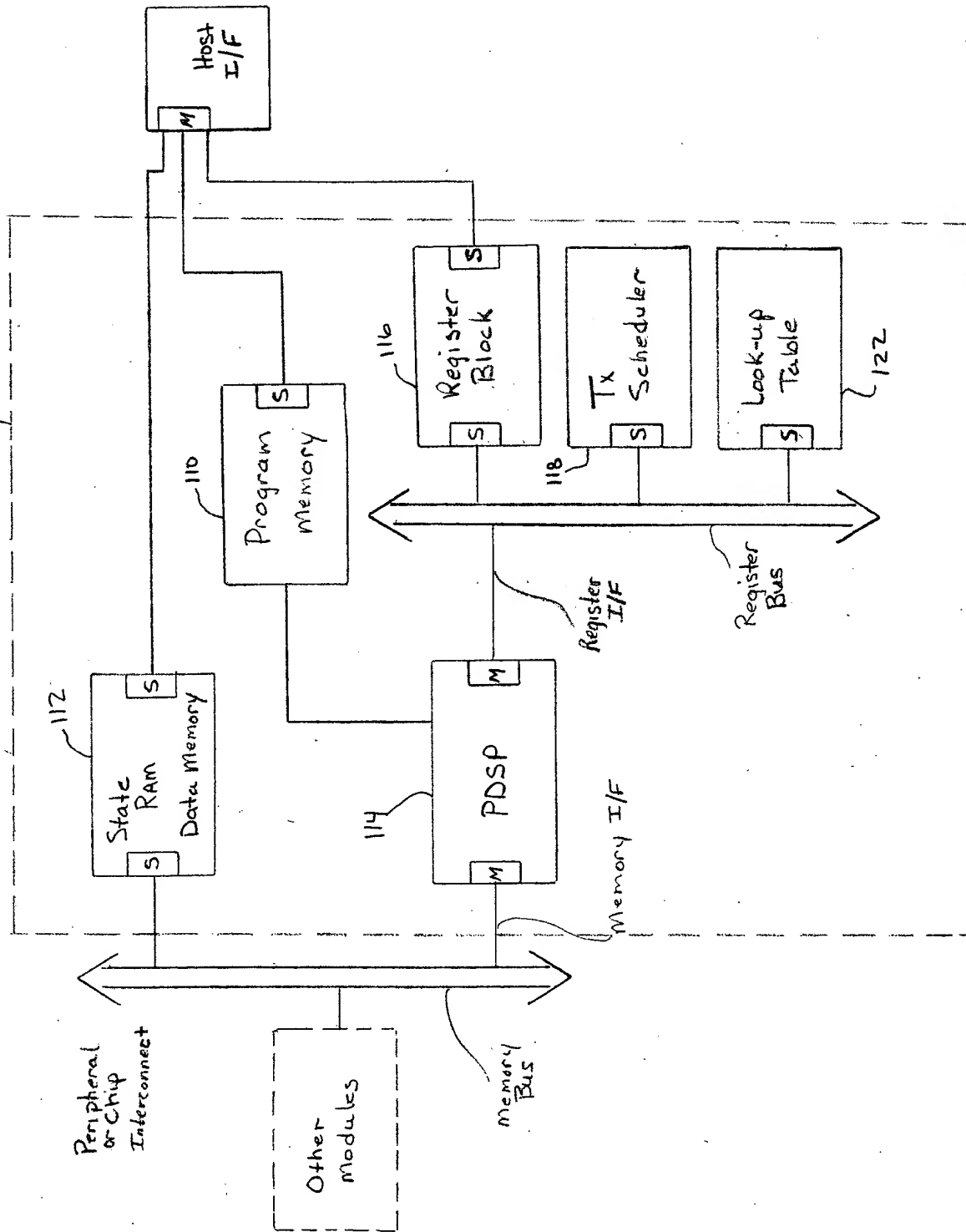


Figure 3

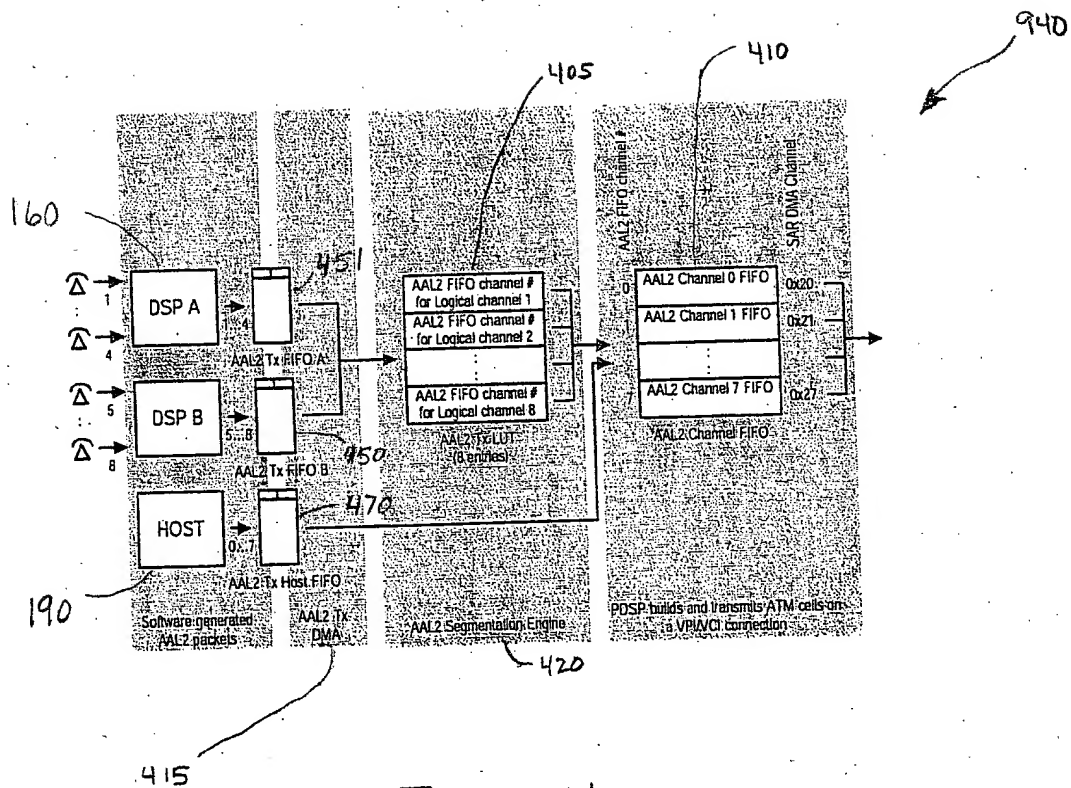


Figure 4

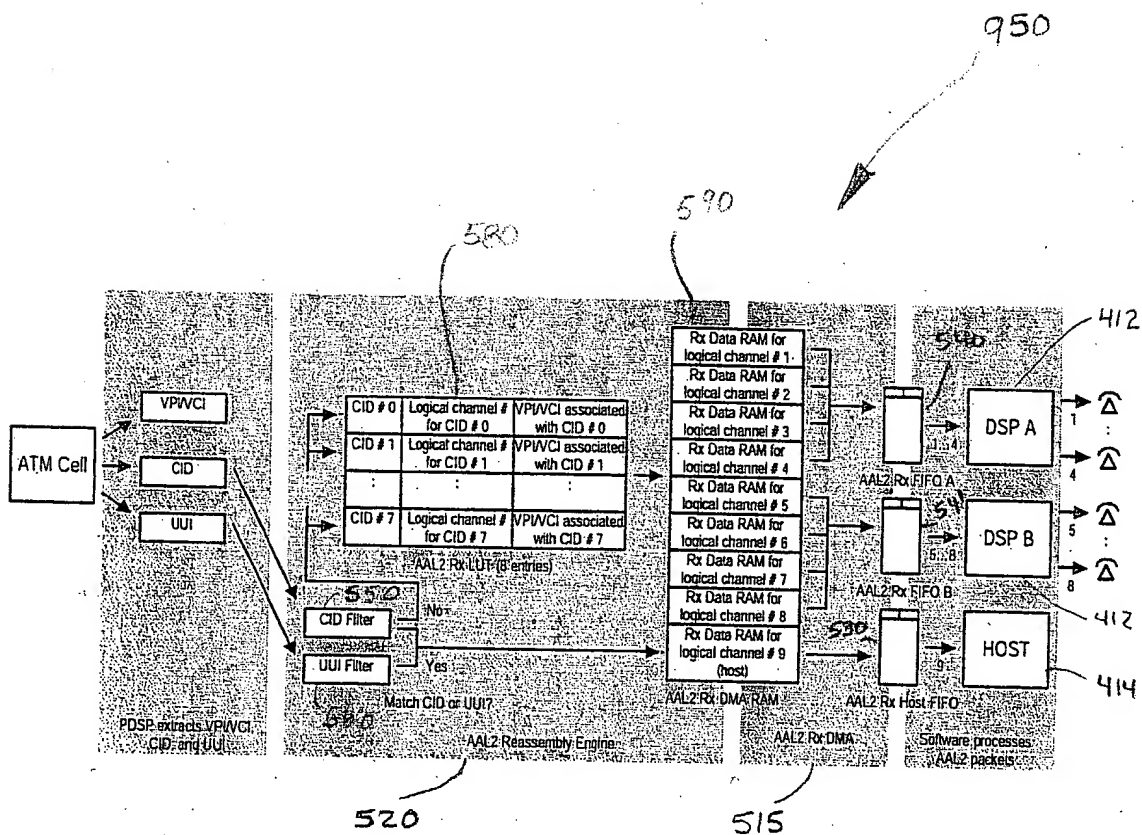


Figure 5

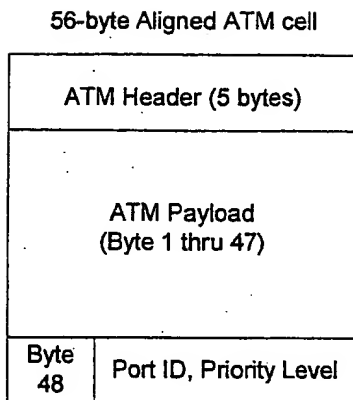


Figure 7

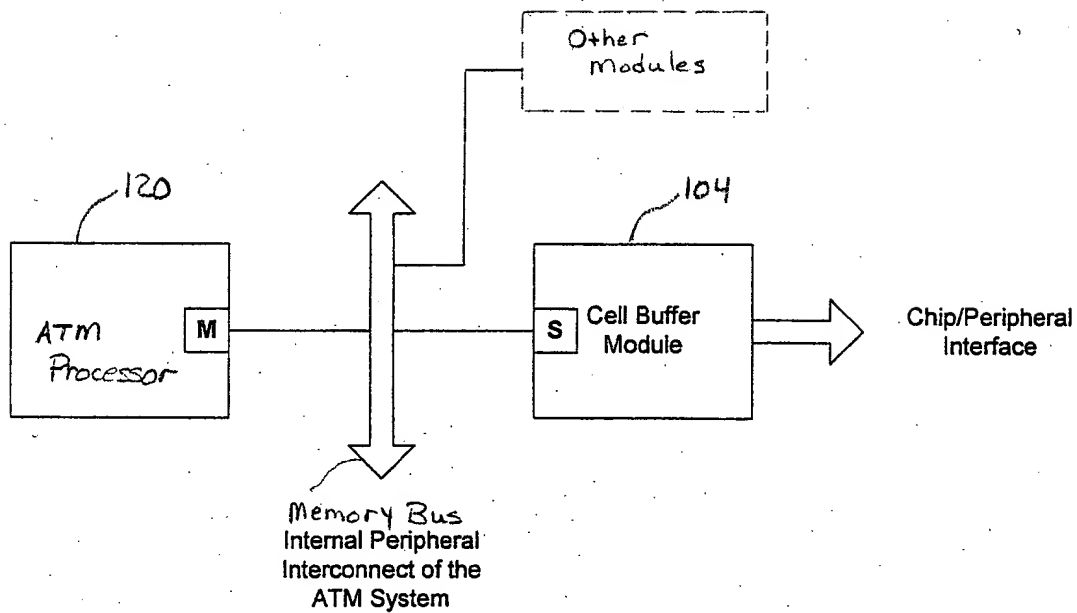


Figure 6A

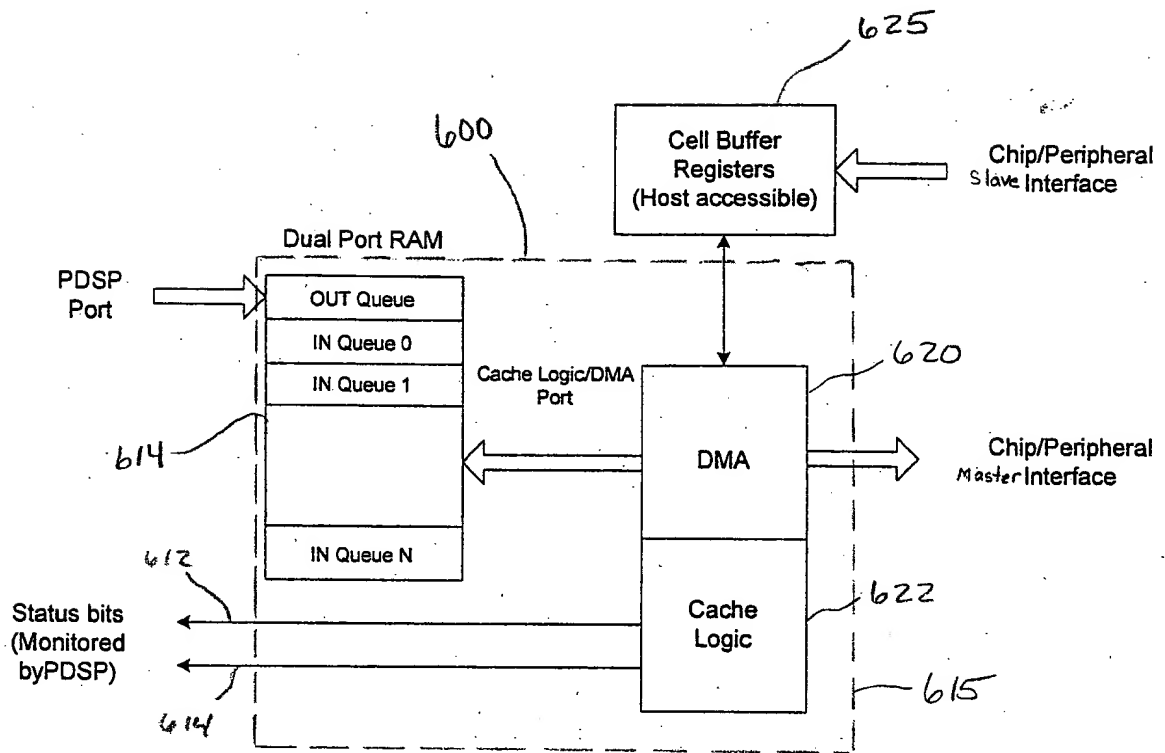


Figure 6B

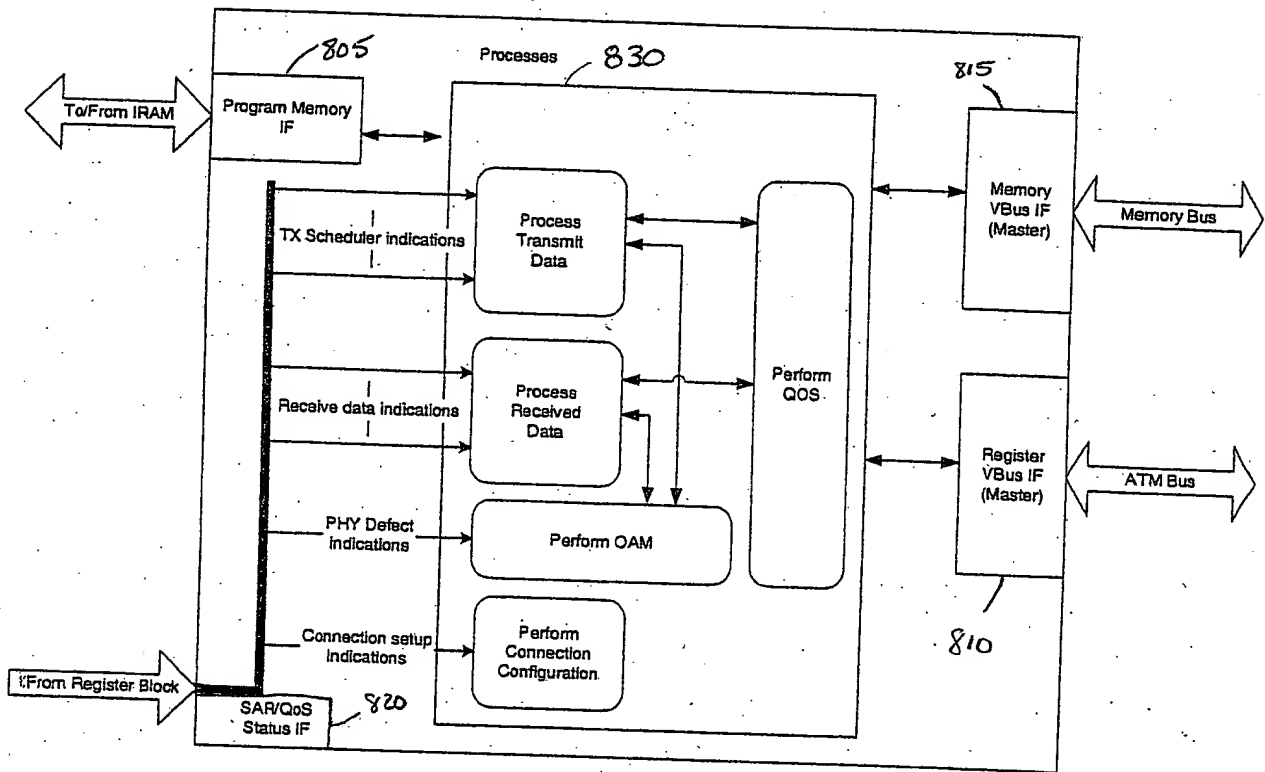


Figure 8